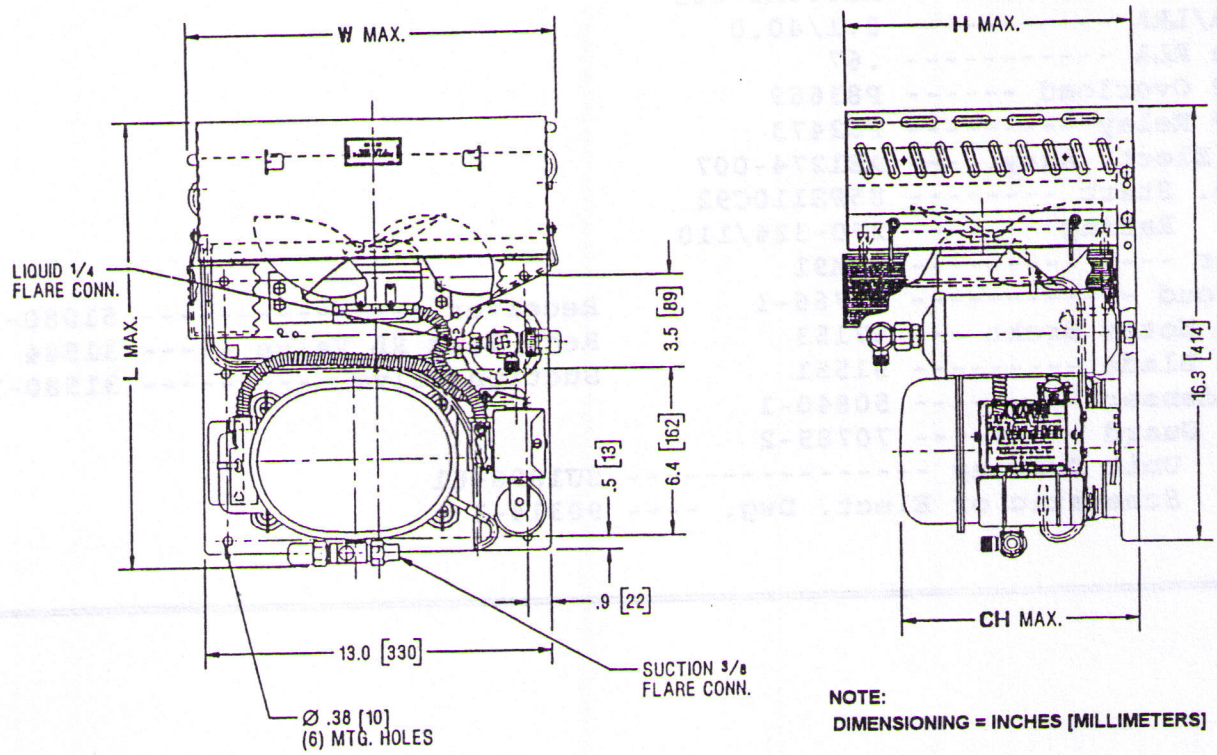
TECUMSEH HERMETIC CONDENSING UNITS

Date: April 1, 1997

MODEL AEA4448YXAXC (Formerly AE4448YC) R-134a 1/3 HP AIR COOLED



NOTE:
DIMENSIONING = INCHES [MILLIMETERS]

Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AEA4448YXAXC	17.2	14.0	10.9	8.9	3/8 F	1/4 F	3.3#	340	10	56

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections C= Compression Fitting
Factory charge: 20 psig dry air - **MUST BE EVACUATED** **60 HZ Performance**

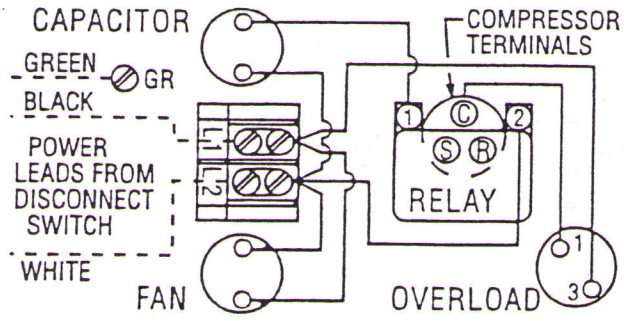
Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
20	18.4	2890	585	160	2620	600	180	2360	615	200
25	22.1	3180	620	170	2900	640	190	2610	655	210
30	26.0	3460	660	175	3160	680	195	2860	700	220
35	30.3	3780	700	185	3450	725	205	3120	750	230
40	35.0	4080	745	190	3730	775	215	3400	800	240
45	40.0	4400	795	200	4040	825	225	3700	860	250
50	45.3	4750	855	210	4350	890	235	4000	930	260
55	51.1	5100	9250	220	4700	965	245	4300	1010	270

Based on 65° F return gas and 5° F subcooling.

Date: 4-1-97

SPECIFICATIONS	AEA4448YXAXC
Nominal Voltage	115-60-1
Unit B/M	2D315-9
Voltage Range	126.5 to 103.5
Min. Circuit Ampacity	10.7
Max. Fuse Size (Amps)	15
Compressor Model	AEA4448YXA
Bill of Material	AE660AT-663
RLA/LRA	8.1/40.0
Fan RLA	.67
ESP Overload	P83669
ESP Relay	P82473
AE Elect. Assy.	AE1274-007
Cap. Start	85PS110C92
Rating	270-324/110
Fan Motor	TFM91
Shroud	70766-1
Fan Motor Brckt	57153
Fan Blade	51551
Condenser	50840-1
Fan Guard	70785-2
Unit Drawing	SU1896-61
Schematic or Elect. Dwg.	90314-3

Receiver	51080-1
Rec. Tank RL Valve	31584 (1/4"F)
Suction Valve	31580-1



NOTE – ELECTRICIAN: 90314-3

FIELD WIRING AND INSTRUCTION NOTES

1. CONNECT INCOMING POWER LEADS TO L1 AND L2 TERMINALS. USE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT.)
2. WHEN T. P. CO. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS REGARDLESS OF LOCATION.

H

U.L. Listed ----------File #SA2372 ----------Card Guide #SGYU
CSA Certified ----------Canadian File #12964C ----------USA File #8873C